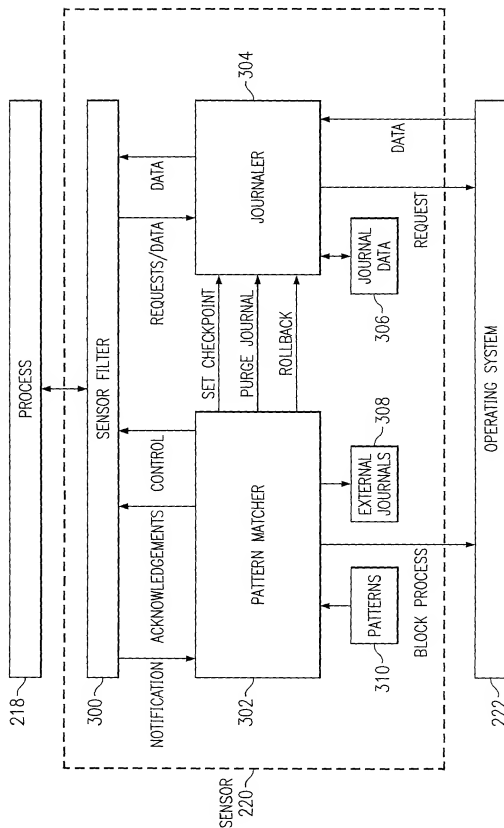


FIG. 3

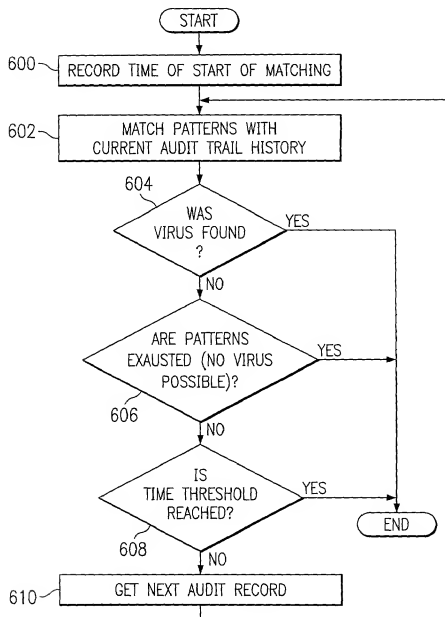


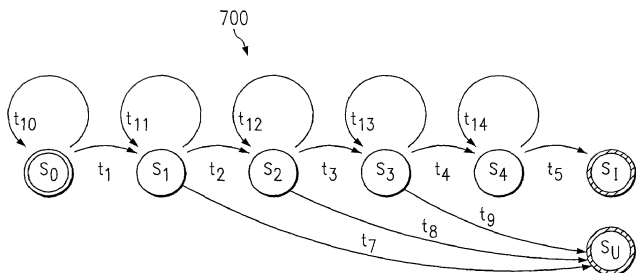


1. The first step is to identify the problem.



FIG. 6





## TRANSITIONS:

t<sub>1</sub>: FILE OPENt<sub>2</sub>: READ FROM BEGINNING OF FILEt<sub>3</sub>: WRITE TO END OF FILEt<sub>4</sub>: WRITE TO BEGINNING OF FILEt<sub>5</sub>: CLOSE FILEt<sub>7</sub>: READ FROM ANYWHERE BUT BOF OR A CLOSEt<sub>8</sub>: WRITE TO ANYWHERE BUT EOF OR A CLOSEt<sub>9</sub>: WRITE TO ANYWHERE BUT BOF OR A CLOSEt<sub>10</sub>: ANY OPERATIONt<sub>11</sub>: ANY OPERATIONt<sub>12</sub>: ANYTHING EXCEPT READ FROM BOFt<sub>13</sub>: ANYTHING EXCEPT WRITE TO EOFt<sub>14</sub>: ANYTHING EXCEPT WRITE TO BOFt<sub>15</sub>: ANYTHING BUT CLOSE FILE

FIG. 7